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| AlphaGo Zero [9] superhuman |

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| "Go gaming is strictly defined within a very small space. Industrial automations are typically designed in well controlled environments, but not strictly defined. Car driving is regulated, but the environment is not well controlled" |
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| ☐ The Development of Liberal Arts and Sciences ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐ |

[1] _____ AI: A Modern Approach ___________ □□□□□□□"Aristotle... was the first to formulate a precise set of laws governing the rational part of the mind."(On page 5) \sqcap $egin{array}{c} egin{array}{c} egin{array}$ [3] | | Leucotomy in England and Wales, 1942-1954 | | 19284 | 19284 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 1928 | 19 00028000000250000002000040000Renato M.E. Sabbatini DDDDDEven lobotomy's preponents admitted that only one third of the operated patients would improve, while one-third remained the $1942\text{-}1954 \ \square \square \square \square \square \square \square \underline{ http://www.cerebromente.org.br/n02/historia/lobotomv.htm} \square \underline{ http://www.cerebromente.org.br/n02/historia/histor$ one third would improve one-third remained the same $condition \verb|||||||| personality ||| intelligence |||||||||||$ \square AlphaGo Zero \square DDDDDDDDDDDDAlphaGo Zero

| "Demis Hassabis is deadly serious when he tells me he is on a mission to 'solve intelligence, and then use that to solve everything else'. |
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| 'One way of thinking of AGI is as a process that will automatically convert unstructured information into actionable knowledge. What we're working on is potentially a meta-solution to any problem.'", |
| $https://www.theguardian.com/technology/2016/feb/16/demis-hassabis-artificial-intelligence-deepmind-alphago \square$ |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ |
| $[7] \ $ |
| [8] AlphaGo Master |
| [9] http://www.alphago-games.com/DDFull Strength of Alphago Zero, i.e. Final Form <a block"="" href="http://www.alphago-games.com/DDFull Strength of Alphago ZeroDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD</td></tr><tr><td>[10]</math> 00000000000000000000000000000000000</td></tr><tr><td></td></tr><tr><td> AlphaGo </td></tr><tr><td></td></tr><tr><td></td></tr><tr><td>Google </td></tr><tr><td><math display="> \begin{array}{cccccccccccccccccccccccccccccccccccc |

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